



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁷ : A61B 17/34</p>	<p>A1</p>	<p>(11) International Publication Number: WO 00/32120 (43) International Publication Date: 8 June 2000 (08.06.00)</p>																		
<p>(21) International Application Number: PCT/IE99/00127 (22) International Filing Date: 1 December 1999 (01.12.99) (30) Priority Data: <table border="0"> <tr> <td>980999</td> <td>1 December 1998 (01.12.98)</td> <td>IE</td> </tr> <tr> <td>990107</td> <td>15 February 1999 (15.02.99)</td> <td>IE</td> </tr> <tr> <td>990108</td> <td>15 February 1999 (15.02.99)</td> <td>IE</td> </tr> <tr> <td>990110</td> <td>15 February 1999 (15.02.99)</td> <td>IE</td> </tr> <tr> <td>990112</td> <td>15 February 1999 (15.02.99)</td> <td>IE</td> </tr> <tr> <td>990416</td> <td>24 May 1999 (24.05.99)</td> <td>IE</td> </tr> </table> <p>(71) Applicant (for all designated States except US): ATROPOS LIMITED [IE/IE]; 1 Earlsfort Centre, Hatch Street, Dublin 2 (IE). (72) Inventors; and (75) Inventors/Applicants (for US only): BONADIO, Frank [US/IE]; 2 Martello Terrace, Bray, Co Wicklow (IE). MCMANUS, Ronan, Bernard [IE/IE]; 56 Killarney Heights, Bray, Co Wicklow (IE). YOUNG, Derek, William [IE/IE]; 3 Cloister Way, Carysfort Avenue, Blackrock, County Dublin (IE). REID, Alan [IE/IE]; 7 Kincora Drive, Clontarf, Dublin 3 (IE).</p> </p>		980999	1 December 1998 (01.12.98)	IE	990107	15 February 1999 (15.02.99)	IE	990108	15 February 1999 (15.02.99)	IE	990110	15 February 1999 (15.02.99)	IE	990112	15 February 1999 (15.02.99)	IE	990416	24 May 1999 (24.05.99)	IE	<p>(74) Agents: O'BRIEN, John, A. et al.; John A O'Brien & Associates, Duncairn House, Third floor, 14 Carysfort Avenue, Blackrock, County Dublin (IE). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i></p>
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<p>(54) Title: LAPAROSCOPIC SEALED ACCESS DEVICE</p> <div data-bbox="373 1071 1266 1617"> </div> <p>(57) Abstract</p> <p>A hand access device (1, 50, 55, 60, 65) for use as a seal for sealing a surgeon's forearm (2) on entry through a wound opening (3), for example in an abdominal wall (4) comprises a substantially tubular sleeve (5) of pliable gas tight material. The tube is turned axially back on itself to define an outer sleeve section (11) and an inner sleeve section (12) which define therebetween a sealed inflatable chamber. The inner sleeve section (12) is engaged by the forearm (2) which, on insertion, causes the sleeve to evert. The device has version limiting means in the form of inner and outer rings (30, 31) which are of elastomeric material.</p>																				